

ABSTRACT

Method and apparatus for generating a reference signal includes parsing one or more input signals into a plurality of split signals in accordance with a predetermined criteria, generating split reference signals for each of at least two of the split signals, and combining a plurality of the split reference signals into a single reference signal. Multiple reference signals may be generated by multiple pluralities of split reference signals. The predetermined criteria may include bandsplit filtering, and the output signals may be used for equalization, among other applications.